

To: U.S. Department of Commerce  
Patent and Trademark Office

Attorney Docket No.

C-M#

Client Ref.

007874-0307450

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

Applicant: ABE et al.

Application No.: ~~Unassigned~~ 10/748/93

Filing Date: December 31, 2003 (herewith) 1731

Examiner: ~~Unassigned~~ Group Art Unit: ~~Unassigned~~

Date: December 31, 2003

Page

1

of

1

**U.S. PATENT DOCUMENTS**

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
SV	AR 5,713,979	02/1998	Nicholson			
	BR					
	CR					
	DR					
	ER					
	FR					
	GR					
	HR					
	IR					
	JR					
	KR					
	LR					
	MR					
	NR					

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
					Enclosed	No	Enclosed	No
SV	OR 8-67530	03/1996	Japan			X		
SV	PR 8-75901	03/1996	Japan			X		
SV	QR 10-67521	03/1998	Japan			X		
SV	RR 11-240728	03/1999	Japan			X		
SV	SR EP 0 691 312	01/1998	Europe					
	TR							
	UR							
	VR							
	WR							
	XR							

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)


YR			
ZR			
AAR			

Examiner

Date Considered:

6-9-05

\*EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP §609. Please draw a line through citation if not in conformance and not considered. Please include copy of this form with next communication to Applicant.

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT 	ATTY. DOCKET 34103.008DIV1	SERIAL NO. 10748,193
	APPLICANT: Jun Abe, et al.	
	FILING DATE December 31, 2003	GROUP ART UNIT 1731

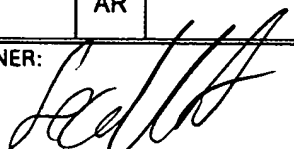
### U.S. PATENT DOCUMENTS

*Examiner's Initials		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE, IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						

### FOREIGN PATENT DOCUMENTS

*Examiner's Initials		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
							YES	NO
	AH	EP 0 691 312 A1	1/10/96	EPO				
	AI							
	AJ							
	AK							
	AL							
	AM							
	AN							

### OTHER INFORMATION (Including Author, Title, Date, Pertinent Pages, Etc.)

	AO	
	AP	
	AQ	
	AR	
EXAMINER: 		DATE CONSIDERED: 6-9-05
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		



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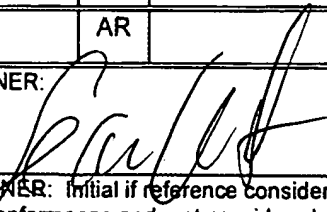
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	AC						
	AD						
	AE						
	AF						
	AG						

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	AH							
	AI							
	AJ							
	AK							
	AL							
	AM							
	AN							

#### OTHER INFORMATION (Including Author, Title, Date, Pertinent Pages, Etc.)

<del>AO</del>	<del>Republic of China Office Action (with partial English translation) dated March 8, 2004</del>
AP	
AQ	
AR	
EXAMINER: 	DATE CONSIDERED: 6-9-05
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	